

IN THE CLAIMS

Claim 1 (original): A pressure sensitive adhesive composition comprising a rubbery elastomeric matrix and one or more amphiphilic block copolymers containing one or more hydrophobic polymer blocks, and one or more hydrophilic polymer blocks.

Claim 2 (original): The pressure sensitive adhesive composition according to claim 1, characterized in that the rubbery elastomeric matrix is a matrix of one or more block-copolymers forming a physically cross-linked matrix.

Claim 3 (currently amended): The adhesive composition according to ~~any of claims 1-2~~ claim 1, characterized in that the amphiphilic block copolymer contains hydrophobic blocks compatible with the rubbery elastomeric base of the adhesive.

Claim 4 (currently amended): The adhesive composition according to ~~any of claims 1-3~~ claim 1, characterized in that the rubbery elastomeric matrix has inherent adhesive properties, or said rubbery elastomeric matrix contain a tackifier resin and /or a plastiziser which provide or improve the adhesive properties of the composition.

Claim 5 (original): The adhesive composition according to claim 4, characterized in that the rubbery elastomeric matrix has intrinsic adhesive properties.

Claim 6 (currently amended): The adhesive composition according to ~~any of claims 4-5~~ claim 4, characterized in that the rubbery elastomeric matrix contain a tackifier resin and /or a plastiziser which provide or improve the adhesive properties of the composition.

Claim 7 (original): The adhesive composition according to claim 2, characterized in that the rubbery elastomeric matrix is selected from block-copolymers comprising one or more styrene blocks.

Claim 8 (currently amended): The pressure sensitive adhesive according to ~~any of claims 1 or 2~~ claim 1 characterised in that the rubbery elastomeric matrix comprises polybutylenes or polyisobutylene.

Claim 9 (currently amended): The pressure sensitive adhesive according to ~~any of claims 1 or 2~~ claim 1 characterised in that the rubbery elastomeric matrix comprises poly siloxane.

Claim 10 (currently amended): The pressure sensitive adhesive according to ~~any of claims 1 or 2~~ claim 1 characterised in that the rubbery elastomeric matrix comprises an amorphous poly alfa-olefine.

Claim 11 (currently amended): The pressure sensitive adhesive according to ~~any of claim 1 or 2~~ claim 1 characterised in that the rubbery elastomeric matrix comprises a polymer derived from polyacrylic acid.

Claim 12 (original): The adhesive composition according to claim 7, characterized in that the rubbery elastomeric matrix is selected from block-copolymers comprising styrene and one or more dienes, preferably butadiene, isobutylene and isoprene.

Claim 13 (currently amended): The adhesive composition according to ~~any of claims 1-12~~ claim 1, characterized in that the hydrophilic block(s) has a molecular weight of at least 1000, at least 10.000, at least 20.000, or preferably at least 30.000.

Claim 14 (currently amended): The adhesive composition according to ~~any of claims 1 or 13~~ claim 1, characterized in that in the

amphiphilic block copolymer, the hydrophobic block(s) is prepared from identical monomer units or essentially identical monomer units, and the hydrophilic block(s) is prepared from identical monomer units or essentially identical monomer units, or the hydrophilic block(s) is prepared from different monomer units.

Claim 15 (original): The adhesive composition according to claim 14, characterized in that the hydrophilic block(s) is prepared from different monomer units.

Claim 16 (original): The adhesive composition according to claim 14 characterized in that the hydrophobic block(s) is prepared from identical monomer units or essentially identical monomer units, and the hydrophilic block(s) is prepared from identical monomer units or essentially identical monomer units.

Claim 17 (currently amended): The adhesive composition according to ~~any of claims 1 and 13~~ claim 1 characterized in that in the amphiphilic block copolymer, the hydrophobic block(s) is prepared from different monomer units, and the hydrophilic block(s) is prepared from different monomer units.

Claim 18 (currently amended): The adhesive composition according to claim 1 ~~any of claims 1 and 13 to 17~~, characterized in that the amphiphilic block copolymer(s) is a diblock having the structure AB or a triblock having the structure ABA, preferably a triblock ABA.

Claim 19 (currently amended): The adhesive composition according to ~~any of claims 1, 7 and 12 to 18~~ claim 1, characterized in that the amphiphilic block copolymer contains one or more styrene blocks.

Claim 20 (currently amended): The adhesive composition according to ~~any of claims 1, 11 and 13 to 18~~ claim 1, characterized in that the amphiphilic block copolymer contains one or more acrylic

hydrophobic blocks

Claim 21 (currently amended): The adhesive composition according to ~~any of claims 1, 8, 10 and 13 to 18~~ claim 1, characterized in that the amphiphilic block copolymer contains one or more blocks from a vinylic unsaturated aliphatic hydrocarbon comprising from 1 to 6 carbon atoms.

Claim 22 (currently amended): The adhesive composition according ~~any of claims 1, 13 and 14 and 16~~ to claim 1, characterized in that the hydrophilic block of the amphiphilic block copolymer is a polyethylene oxide or a polyethyleneglycol.

Claim 23 (currently amended): The adhesive composition according ~~any of claims 1, 13 to 14 and 16~~ to claim 1, characterized in that the hydrophilic block of the amphiphilic block copolymer is a hydrophilic polyacrylate.

Claim 24 (currently amended): The adhesive composition according ~~any of claims 1, 13 to 14 and 16~~ to claim 1, characterized in that the hydrophilic block of the amphiphilic block copolymer is a hydrophilic polyvinyl compound, preferably polyvinyl pyrrolidone.

Claim 25 (currently amended): The adhesive composition according to ~~any of claims 1, 13-15 and 17~~ claim 1, characterised in that the hydrophilic block(s) of the amphiphilic block copolymer is a copolymer prepared from monomers selected from acrylic acid, maleic acid, hydroxyethylmethacrylate (HEMA), vinylpyrrolidone (NVP), polyethyleneglycol(meth)acrylate, ethoxypolyethyleneglycol(meth)acrylate, methoxyethyl(meth)acrylate, ethoxy(meth) acrylate, 2-dimethylamino-ethyl(meth)acrylate (DMAEMA) and 3-dimethylaminopropylmethacrylamid (DMPMA).

Claim 26 (currently amended): The adhesive composition according

to ~~claim 1-12~~ claim 1, characterized in that the amphiphilic block copolymer is an amphiphilic polyurethane.

Claim 27 (currently amended): The adhesive composition according to ~~any of claims 1-26~~ claim 1, characterized in that it comprises one or more hydrophilic homopolymers or heteropolymers being compatible with the hydrophilic blocks of the amphiphilic block copolymer.

Claim 28 (original): The adhesive composition according claim 27, characterized in that it comprises a homopolymer of polyethylene oxide.

Claim 29 (original): The adhesive composition according to claim 27, characterized in that the hydrophilic homopolymer and the hydrophilic block of the amphiphilic copolymer are hydrophilic polyacrylates.

Claim 30 (original): The adhesive composition according to claim 27, characterized in that it comprises a plasticizer being compatible with the hydrophilic phase.

Claim 31 (currently amended): The adhesive composition according to ~~any of claims 1-30~~ claim 1, characterized in that it comprises hydrocolloid particles.

Claim 32 (original): The pressure sensitive adhesive according to claim 1 wherein the amphiphilic block copolymer is a di-block comprising polystyrene and polyethylene oxide, a tri-block comprising two polystyrene blocks and one midblock of polyethylene oxide, or a di-block comprising poly(butadiene(1,4 addition) and sodium polyacrylate.

Claim 33 (currently amended): The pressure sensitive adhesive according to ~~any of claims 1-32~~ claim 1 characterized in that it

contains an active ingredient, such as a pharmaceutically active ingredient.

Claim 34 (original): The pressure sensitive adhesive according to claim 33 characterized in that the active ingredient is an antibacterial agent.

Claim 35 (currently amended): The composition according to ~~any of claims 1-34~~ claim 1 in the form of foam.

Claim 36 (currently amended): A wound dressing wherein the skin facing surface and/or the body of the wound dressing is made of a pressure sensitive composition according to ~~claims 1-35~~ claim 1.

Claim 37 (currently amended): A medical device adapted for being attached to the skin of a human comprising a pressure sensitive adhesive composition according to ~~claims 1-32~~ claim 1 at the surface, which is to be attached to the skin.

Claim 38 (original): A medical device according to claim 37, which is an adhesive wafer for ostomy appliances.

Claim 39 (currently amended): A pressure sensitive composition according to ~~any of claims 1-34~~ claim 1 characterized in that it is obtainable by hot melt a process involving mixing and heating the rubbery elastomeric matrix and the amphiphilic block copolymer(s) as well as optional additional ingredients in a mixer.